

# **ELECTRONIC FILE PROTECTION USING LOCATION**

## **ABSTRACT OF THE DISCLOSURE**

5           An invention for electronic file protection using location and other entropy factors  
is provided. Environment information regarding a computer is obtained, wherein the  
environment information includes data concerning an operating environment of the  
computer. Based on the environment information, an encryption key is generated and an  
electronic file is encrypted using the encryption key. A decryption key can also be  
10       created based on environment information, wherein the decryption key can be utilized to  
decrypt the electronic file. In addition, the environment information can include location  
information of the computer, drive information regarding a drive wherein the electronic  
file will be stored, and time information specifying access duration.